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Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

starting with:

VECTOR\$(VECTOR/VEHICLE).P28-P88,P90-P90,P23-P27,P20-P22,P1-P18,P19-P19.

**Search Results -**

Terms	Documents
kunjin near5 vector\$	0

Database: 

US Patents Full-Text Database	▲
US Pre-Grant Publication Full-Text Database	
JPO Abstracts Database	
EPO Abstracts Database	
Derwent World Patents Index	
IBM Technical Disclosure Bulletins	▼

Refine Search:

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**Search History**

Today's Date: 9/30/2001

09/580476  
Search results  
6/1/98 #6

<u>DB Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	kunjin near5 vector\$	0	<u>L9</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	dengue near10 expression near2 vector\$	5	<u>L8</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	YF near10 expression near2 vector\$	0	<u>L7</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	yellow near fever near10 expression near2 vector\$	0	<u>L6</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l3 and expression near2 vector\$	233	<u>L5</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	l3 and expression near 2 vector\$	196937	<u>L4</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	yellow near fever or YF	2389	<u>L3</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	flavivir\$ near10 expression near3 vector\$	17	<u>L2</u>
USPT,PGPB,JPAB,EPAB,DWPI,TDBD	flavivirus\$ near10 expression near3 vector\$	14	<u>L1</u>

**WEST**

Your wildcard search against 2000 terms has yielded the results below

Search for additional matches among the next 2000 terms

Generate Collection

Search Results - Record(s) 1 through 14 of 14 returned.

☐ 1. Document ID: US 6156888 A

L1: Entry 1 of 14

File: USPT

Dec 5, 2000

US-PAT-NO: 6156888

DOCUMENT-IDENTIFIER: US 6156888 A

TITLE: Hybrid proteins with modified activity

DATE-ISSUED: December 5, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Voorberg; Johannes J.	Assendelft	N/A	N/A	NLX

US-CL-CURRENT: 536/23.4; 536/23.1, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 2. Document ID: US 6130203 A

L1: Entry 2 of 14

File: USPT

Oct 10, 2000

US-PAT-NO: 6130203

DOCUMENT-IDENTIFIER: US 6130203 A

TITLE: Hybrid proteins with modified activity

DATE-ISSUED: October 10, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Voorberg; Johannes J.	Assendelft	N/A	N/A	NLX

US-CL-CURRENT: 514/12; 514/2, 514/834, 530/383, 930/100

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
------	-------	----------	-------	--------	----------------	------	-----------	--------	------	-----------	-------

☐ 3. Document ID: US 6117640 A

L1: Entry 3 of 14

File: USPT

Sep 12, 2000

US-PAT-NO: 6117640

DOCUMENT-IDENTIFIER: US 6117640 A

TITLE: Recombinant vaccine made in E. coli against dengue virus

DATE-ISSUED: September 12, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Srivastava; Ashok Kumar	Silver Spring	MD	N/A		N/A
Putnak; J. Robert	Silver Spring	MD	N/A		N/A
Hoke; Charles H.	Columbia	MD	N/A		N/A
Warren; Richard L.	Brookville	MD	N/A		N/A

US-CL-CURRENT: 435/7.1; 424/186.1, 424/218.1, 435/69.1,  
435/7.9, 435/7.92, 435/975, 436/536, 530/350, 536/23.4,  
536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Claims	KWIC	Draw Desc	Image
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☐ 4. Document ID: US 6074865 A

L1: Entry 4 of 14

File: USPT

Jun 13, 2000

US-PAT-NO: 6074865

DOCUMENT-IDENTIFIER: US 6074865 A

TITLE: Recombinant dengue virus DNA fragment

DATE-ISSUED: June 13, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP	CODE	COUNTRY
Kelly; Eileen P.	Takoma Park	MD	N/A		N/A
King; Alan D.	Washington	DC	N/A		N/A

US-CL-CURRENT: 530/395; 435/235.1, 435/320.1, 435/325, 536/23.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	KWIC	Draw Desc	Image
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☐ 5. Document ID: US 6051418 A

L1: Entry 5 of 14

File: USPT

Apr 18, 2000

US-PAT-NO: 6051418  
DOCUMENT-IDENTIFIER: US 6051418 A

TITLE: Hybrid proteins with modified activity

DATE-ISSUED: April 18, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Voorberg; Johannes J.	Assendelft	N/A	N/A	NLX

US-CL-CURRENT: 435/252.3; 435/252.33, 435/325, 435/366,  
435/69.6, 530/324, 530/350, 530/383, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 6. Document ID: US 5910481 A

L1: Entry 6 of 14

File: USPT

Jun 8, 1999

US-PAT-NO: 5910481

DOCUMENT-IDENTIFIER: US 5910481 A

TITLE: Hybrid proteins with modified activity

DATE-ISSUED: June 8, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Voorberg; Johannes J.	Assendelft	N/A	N/A	NLX

US-CL-CURRENT: 514/12; 435/69.1, 435/69.6, 435/69.7, 514/8,  
514/834, 530/350, 530/383, 930/100

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 7. Document ID: US 5869292 A

L1: Entry 7 of 14

File: USPT

Feb 9, 1999

US-PAT-NO: 5869292

DOCUMENT-IDENTIFIER: US 5869292 A

TITLE: Hybrid proteins with modified activity

DATE-ISSUED: February 9, 1999

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Voorberg; Johannes J.	Assendelft	N/A	N/A	NLX

US-CL-CURRENT: 435/69.6; 435/69.1, 435/69.7, 530/324, 530/350,  
530/383, 536/23.5

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 8. Document ID: US 5744141 A

L1: Entry 8 of 14

File: USPT

Apr 28, 1998

US-PAT-NO: 5744141

DOCUMENT-IDENTIFIER: US 5744141 A

TITLE: Flavivirus recombinant poxvirus immunological  
composition

DATE-ISSUED: April 28, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Paoletti; Enzo	Delmar	NY	N/A	N/A
Pincus; Steven Elliot	East Greenbush	NY	N/A	N/A

US-CL-CURRENT: 424/199.1; 424/184.1, 424/186.1, 424/204.1,  
424/210.1, 424/218.1, 424/232.1, 435/235.1, 435/320.1,  
435/70.1, 435/89

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 9. Document ID: US 5486473 A

L1: Entry 9 of 14

File: USPT

Jan 23, 1996

US-PAT-NO: 5486473  
DOCUMENT-IDENTIFIER: US 5486473 A

TITLE: A DNA coding for a Flavivirus antigen

DATE-ISSUED: January 23, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fujita; Hiroyuki	Mitoyo	N/A	N/A	JPX
Yoshida; Iwao	Kanonzi	N/A	N/A	JPX
Takagi; Mitsuo	Mitoyo	N/A	N/A	JPX
Manabe; Sadao	Mitoyo	N/A	N/A	JPX
Fukai; Konosuke	Toyonaka	N/A	N/A	JPX

US-CL-CURRENT: 435/252.33; 435/320.1, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 10. Document ID: US 4810492 A

L1: Entry 10 of 14

File: USPT

Mar 7, 1989

US-PAT-NO: 4810492

DOCUMENT-IDENTIFIER: US 4810492 A

TITLE: Flavivirus antigen

DATE-ISSUED: March 7, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Fujita; Hiroyuki	Mitoyo	N/A	N/A	JPX
Yoshida; Iwao	Kanonzi	N/A	N/A	JPX
Takagi; Mitsuo	Mitoyo	N/A	N/A	JPX
Manabe; Sadao	Mitoyo	N/A	N/A	JPX
Fukai; Konosuke	Toyonaka	N/A	N/A	JPX

US-CL-CURRENT: 424/186.1; 424/192.1, 424/218.1, 530/350,  
536/23.72, 930/220

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 11. Document ID: WO 9928487 A1

L1: Entry 11 of 14

File: EPAB

Jun 10, 1999

PUB-NO: WO009928487A1  
DOCUMENT-IDENTIFIER: WO 9928487 A1  
TITLE: FLAVIVIRUS EXPRESSION AND DELIVERY SYSTEM

PUBN-DATE: June 10, 1999

INVENTOR-INFORMATION:

NAME	COUNTRY
WESTAWAY, EDWIN G	AU
KHROMYKH, ALEXANDER A	AU
VARNAVSKI, ANDREI	AU

INT-CL (IPC): C12N 15/86

EUR-CL (EPC): C12N015/86

Full	Title	Citation	Front	Review	Classification	Date	Reference
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MMO	Draw Desc	Image
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☐ 12. Document ID: WO 200153467 A1

L1: Entry 12 of 14

File: DWPI

Jul 26, 2001

DERWENT-ACC-NO: 2001-457605

DERWENT-WEEK: 200149

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TITLE: Recombinant flavivirus useful for reducing the number of tumor cells in a host comprises an exogenous nucleic acid encoding a polypeptide proteolytically processed after expression in the vector resulting in its release

INVENTOR: ANDINO-PAVLOVSKY, R; MCALLISTER-MORENO, A

PRIORITY-DATA: 2000US-0653754 (September 1, 2000),  
2000US-0177449 (January 21, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
WO 200153467 A1	July 26, 2001	E	048	C12N007/01

INT-CL (IPC): A61K 39/00; A61K 48/00; C12N 5/10; C12N 7/01;  
C12N 15/62; C12N 15/86

Full	Title	Citation	Front	Review	Classification	Date	Reference
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MMO	Draw Desc	Image
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☐ 13. Document ID: AU 733155 B, WO 9928487 A1, AU 9915517 A, EP 1034290 A1

L1: Entry 13 of 14

File: DWPI

May 10, 2001



DERWENT-ACC-NO: 1999-371130  
DERWENT-WEEK: 200130  
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TITLE: Flavivirus expression and delivery system

INVENTOR: KHROMYKH, A; VARNAVSKI, A ; WESTAWAY, E G ; KHROMYKH,  
A A

PRIORITY-DATA: 1998AU-0006096 (September 23, 1998),  
1997AU-0000627 (November 28, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
AU 733155 B	May 10, 2001	N/A	000	C12N015/86
WO 9928487 A1	June 10, 1999	E	083	C12N015/86
AU 9915517 A	June 16, 1999	N/A	000	C12N015/86
EP 1034290 A1	September 13, 2000	E	000	C12N015/86

INT-CL (IPC): C12N 15/86

Full	Title	Citation	Front	Review	Classification	Date	Reference
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KWIC	Draw Desc	Image
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☐ 14. Document ID: MX 9904908 A1, WO 9823754 A1, AU 9853973 A, CN 1258317  
A, BR 9713540 A

L1: Entry 14 of 14

File: DWPI

May 1, 2000

DERWENT-ACC-NO: 1998-322731  
DERWENT-WEEK: 200129  
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TITLE: New genes coding for dengue virus type 2 and 4 envelope proteins - and Pichia pastoris expression systems, useful for recombinant production of the proteins for vaccines and diagnosis

INVENTOR: ALVAREZ ACOSTA, A; GARCIA SUAREZ, J ; GUILLEN NIETO, G E ; GUZMAN TIRADO, M G ; MARQUEZ PERERA, G J ; MUNE JIMENEZ, M ; RODRIGUEZ DIAZ, R ; ROSARIO DOMINGUEZ, D E ; SARIOL CURBELO, C A ; VAZQUEZ CAMPOS, R ; VAZQUEZ RAMUDO, S ; VAZQUEZ VILLASUSO, V ; ACOSTA, A A ; CAMPOS, R V ; CURBELO, C A S ; DIAZ, R R ; DOMINGUEZ, D E R ; JIMENEZ, M M ; NIETO, G E G ; PERERA, G J M ; RAMUDO, S V ; SUAREZ, J G ; TIRADO, M G G ; VILLASUSO, V V

PRIORITY-DATA: 1996CU-0000107 (November 25, 1996)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
MX 9904908 A1	May 1, 2000	N/A	000	C12N015/40
WO 9823754 A1	June 4, 1998	S	077	C12N015/40
AU 9853973 A	June 22, 1998	N/A	000	C12N015/40
CN 1258317 A	June 28, 2000	N/A	000	C12N015/40
BR 9713540 A	October 24, 2000	N/A	000	C12N015/40

INT-CL (IPC): A61K 39/12; C07K 14/18; C12N 1/21; C12N 7/04; C12N 15/40

Full	Title	Citation	Front	Review	Classification	Date	Reference
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NUMC	Draw Desc	Image
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Generate Collection

Terms	Documents
flavivirus\$ near10 expression near3 vector\$	14

Display

Documents, starting with Document:

Display Format:

Change Format

10638219 20075218 PMID: 10607240

**Flaviviridae** polymerase and RNA **replication**.

Bartholomeusz A; Thompson P

Victorian Infectious Diseases Reference Laboratory, North Melbourne,  
Victoria, Australia.

Journal of viral hepatitis (ENGLAND) Jul 1999, 6 (4) p261-70, ISSN  
1352-0504 Journal Code: CGO

Languages: ENGLISH

Document type: Journal Article; Review; Review, Tutorial

Record type: Completed

Subfile: INDEX MEDICUS

Sequence motifs within the non-structural protein NS5 or NS5B of the  
members of the family **Flaviviridae** suggest that this protein is the  
RNA-dependent RNA polymerase. This protein has now been expressed in  
various in vitro systems and used in polymerase assays. To understand the  
role of the RNA polymerase in RNA **replication**, this **review** will  
examine not only the polymerase protein but also the other proteins in the

-more-

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Display 2/9/35 (Item 3 from file: 154)  
DIALOG(R)File 154:Medline(R)

RNA **replication** complex. To date, several groups have investigated  
the interaction of these proteins both in vitro and in vivo and also the  
interaction of these proteins with the RNA signals at the 3' terminus of  
the RNA. Infectious clones and replicons containing the non-structural  
proteins have now been generated and these will be useful tools in  
understanding the processes of initiation and elongation of both positive  
and negative RNA synthesis. (95 Refs.)

Descriptors: **Flaviviridae**--enzymology--EN; \*RNA Replicase  
--metabolism--ME; \*RNA, Viral--biosynthesis--BI; \*Viral Nonstructural  
Proteins--metabolism--ME; **Flaviviridae**--genetics--GE  
CAS Registry No.: 0 (NS5 protein, flavivirus); 0 (RNA, Viral); 0  
(Viral Nonstructural Proteins)  
Enzyme No.: EC 2.7.7.48 (RNA Replicase)

01145150 1764347

**Flavivirus replication** strategy.

Westaway, E.G.

Dep. Microbiol., Monash Univ., Clayton, Melbourne, Vic. 3168, Australia

ADV. VIRUS RES. vol. 33, pp. 45-90 (1987.)

DOCUMENT TYPE: Journal article; Review article LANGUAGE: ENGLISH

SUBFILE: Virology Abstracts; Genetics Abstracts

DESCRIPTORS: **flavivirus; reviews**

IDENTIFIERS: **replication**; mechanisms

SECTION HEADING: 22041 --General; 07313 --Viruses

- end of display -

?

07571014 EMBASE No: 1999053068

Molecular characterization of the Japanese encephalitis virus  
representative immunotype strain JaGAR 01

Mangada M.N.M.; Takegami T.

T. Takegami, Div. Tropical Medicine, Medical Research Institute, Kanazawa  
Medical University, Daigaku 1-1, Kahoku gun, Ishikawa ken 920-0293 Japan

AUTHOR EMAIL: takegami@kanazawa-med.ac.jp

Virus Research ( VIRUS RES. ) (Netherlands) 1999, 59/1 (101-112)

CODEN: VIRED ISSN: 0168-1702

PUBLISHER ITEM IDENTIFIER: S0168170298001300

DOCUMENT TYPE: Journal; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 35

s2/9/68

Display 2/9/68 (Item 22 from file: 73)  
DIALOG(R)File 73:EMBASE  
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07065044 EMBASE No: 1997346907

The molecular basis of virulence of the encephalitogenic  
**flaviviruses**

Mcminn P.C.

P.C. Mcminn, Department of Microbiology, The University of Western  
Australia, Nedlands, WA 6907 Australia

AUTHOR EMAIL: pmcminn@cellene.uwa.edu.au

Journal of General Virology ( J. GEN. VIROL. ) (United Kingdom) 1997,  
78/11 (2711-2722)

CODEN: JGVIA ISSN: 0022-1317

DOCUMENT TYPE: Journal; Review

LANGUAGE: ENGLISH SUMMARY LANGUAGE: ENGLISH

NUMBER OF REFERENCES: 62

Studies of **flavivirus** virulence have focussed on variants with  
differing neurovirulence or neuroinvasiveness in animal models, with the

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Display 2/9/68 (Item 22 from file: 73)  
DIALOG(R)File 73:EMBASE

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majority based on determining the contribution of viral structural  
proteins, in particular the envelope glycoprotein. Specific virulence  
determinants on protein E have recently been identified by the application  
of several experimental techniques such as selection and characterization  
of neutralization escape variants in the presence of anti-E protein MAbs or  
by site-directed mutagenesis of the E gene of infectious cDNA clones (see  
Fig. 2, Tables 2 and 3). However, the association of particular amino acid  
substitutions in protein E with loss of neurovirulence and/or  
neuroinvasiveness appears to be dependent on the virus system under study  
and thus the mechanism by which protein E controls these two virulence  
phenotypes is unclear. Existing data show that neurovirulence and  
neuroinvasiveness determinants map to identical regions of protein E,  
including the lateral surface of domain III (the putative receptor binding  
site) and the base of domain II (thought to be involved in pH-dependent  
fusion activity). Attenuation of some domain II and III variants is  
associated with changes in binding to cell membrane proteins or in  
pH-dependent fusion activity, suggesting that defects in the early events

-more-

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Display 2/9/68 (Item 22 from file: 73)  
DIALOG(R)File 73:EMBASE

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of virus **replication** are responsible for virulence attenuation. A  
small number of amino acid changes in domain I are associated with  
attenuation of virulence, including mutations in the protein E  
glycosylation site which result in significant reductions in viral  
glycoprotein expression. The mechanism of attenuation associated with other  
mutations in domain I is unknown. Several studies have identified putative

neurovirulence determinants within other regions of the genome (e.g. non-structural protein genes, 3' UTR), and in one example the mutation attenuates neurovirulence without alteration in neuroinvasiveness. Further work is necessary to map neurovirulence determinants within these regions. It is likely that significant advances in this field will come from the application of infectious cDNA clone technology.

DRUG DESCRIPTORS:

complementary dna; mutant protein; virus dna; virus envelope protein; virus glycoprotein; virus protein

MEDICAL DESCRIPTORS:

-more-

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HILIGHT set on as ''

**HILIGHT set on as ''**

? begin 5,6,55,154,155,157,312,399,biotech,biosci



Set	Items	Description
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? s flavivir? (10n) expression (5n) vector?		
Processing		
Processed 20 of 36 files ...		
Completed processing all files		
	78365	FLAVIVIR?
	4614421	EXPRESSION
	1029042	VECTOR?
S1	43	FLAVIVIR? (10N) EXPRESSION (5N) VECTOR?
? rd s1		

...completed examining records  
 S2 25 RD S1 (unique items)  
 ? d s2/3/1-25

Display 2/3/1 (Item 1 from file: 5)  
 DIALOG(R)File 5:Biosis Previews(R)  
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12814358 BIOSIS NO.: 200100021507  
 The yellow fever 17D vaccine virus as a **vector** for the  
**expression** of foreign proteins: Development of new live  
**flavivirus** vaccines.  
 AUTHOR: Bonaldo Myrna C; Caufour Philippe S; Freire Marcos S; Galler  
 Ricardo(a)  
 AUTHOR ADDRESS: (a)Departamento de Bioquimica e Biologia Molecular,  
 Instituto Oswaldo Cruz, Av. Brasil 4365, 21045-900, Rio de Janeiro, RJ:  
 rgaller@gene.dbbm.fiocruz.br\*\*Brazil  
 JOURNAL: Memorias do Instituto Oswaldo Cruz 95 (Suppl. 1):p215-223 2000  
 MEDIUM: print  
 ISSN: 0074-0276  
 DOCUMENT TYPE: Literature Review  
 RECORD TYPE: Abstract  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

- end of record -

?

Display 2/3/2 (Item 2 from file: 5)  
 DIALOG(R)File 5:Biosis Previews(R)  
 (c) 2001 BIOSIS. All rts. reserv.

10757507 BIOSIS NO.: 199799378652  
 Subgenomic replicons of the flavivirus Kunjin: Construction and  
 applications.  
 AUTHOR: Khromykh Alexander A(a); Westaway Edwin G  
 AUTHOR ADDRESS: (a)Sir Albert Sakzewski Virus Res. Centre, Royal Children's  
 Hosp., Herston Rd., Brisbane, QLD 4029\*\*Australia  
 JOURNAL: Journal of Virology 71 (2):p1497-1505 1997  
 ISSN: 0022-538X  
 RECORD TYPE: Abstract  
 LANGUAGE: English

- end of record -

?

Display 2/3/3 (Item 1 from file: 6)  
DIALOG(R)File 6:NTIS  
Comp&distr 2000 NTIS, Intl Cpyrght All Right. All rts. reserv.

1469941 NTIS Accession Number: AD-A212 605/0  
Morphogenesis of Flaviviruses  
Hase, T. ; Summers, P. L. ; Eckels, K. H. ; Putnak, J. R.  
Walter Reed Army Inst. of Research, Washington, DC.  
Corp. Source Codes: 002789000; 368450  
1989 32p  
Languages: English Document Type: Journal article  
Journal Announcement: GRAI9002  
Pub. in Subcellular Biochemistry, v15 p275-305 1989.  
Order this product from NTIS by: phone at 1-800-553-NTIS (U.S.  
customers); (703)605-6000 (other countries); fax at (703)321-8547; and  
email at orders@ntis.fedworld.gov. NTIS is located at 5285 Port Royal Road,  
Springfield, VA, 22161, USA.  
NTIS Prices: PC A03/MF A01

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Display 2/3/4 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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134265141 CA: 134(19)265141p PATENT  
Hepatitis C virus envelope protein E2 lacking HVR1 (hypervariable region  
one) and its use as vaccines  
INVENTOR(AUTHOR): Forns, Xavier; Bukh, Jens; Emerson, Suzanne U.;  
Purcell, Robert H.  
LOCATION: USA  
ASSIGNEE: Government of the United States of America as Represented by  
the Secretary,  
PATENT: PCT International ; WO 200121807 A1 DATE: 20010329  
APPLICATION: WO 2000US25987 (20000922) \*US PV155823 (19990923)  
PAGES: 80 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/40A;  
C12N-005/10B; C12N-007/01B; C07K-014/18B; C07K-016/10B; A61K-031/70B;  
A61K-039/29B DESIGNATED COUNTRIES: AE; AG; AL; AM; AT; AU; AZ; BA; BB; BG;  
BR; BY; BZ; CA; CH; CN; CR; CU; CZ; DE; DK; DM; DZ; EE; ES; FI; GB; GD; GE;  
GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS; LT;  
LU; LV; MA; MD; MG; MK; MN; MW; MX; MZ; NO; NZ; PL; PT; RO; RU; SD; SE; SG;

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Display 2/3/4 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
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SI; SK; SL; TJ; TM; TR; TT; TZ; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY;  
KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; MZ; SD; SL  
; SZ; TZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU;  
MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

- end of record -

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Display 2/3/5 (Item 2 from file: 399)

DIALOG(R)File 399:CA SEARCH(R)  
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

134125929 CA: 134(10)125929b PATENT  
Method for the determination of the antiviral effect of antiviral agents  
using cell transduction with a viral vector and marker substance expression  
INVENTOR(AUTHOR): Heinkelein, Martin; Jarmy, Gergely; Jassoy, Christian;  
Rethwilm, Axel; Weissbrich, Benedikt  
LOCATION: Germany,  
ASSIGNEE: Heinkelein, Martin,; Jassoy, Christian; Rethwilm, Axel;  
Weissbrich, Benedikt  
PATENT: Germany Offen. ; DE 19951327 A1 DATE: 20010125  
APPLICATION: DE 19951327 (19991020) \*DE 19934917 (19990721)  
PAGES: 18 pp. CODEN: GWXXBX LANGUAGE: German CLASS: C12Q-001/70A;  
C12N-015/86B; C12N-015/867B; A61K-045/00B; A61P-031/18B

- end of record -

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Display 2/3/6 (Item 3 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

133100487 CA: 133(8)100487x PATENT  
Silent inducible Sindbis virus replicons regulated by herpesvirus and  
their uses in viral infection diagnosis and antiviral drug screening  
INVENTOR(AUTHOR): Olivo, Paul D.; Schlesinger, Sondra  
LOCATION: USA  
ASSIGNEE: Washington University  
PATENT: PCT International ; WO 200040760 A1 DATE: 20000713  
APPLICATION: WO 2000US351 (20000106) \*US 227556 (19990108)  
PAGES: 43 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12Q-001/70A;  
C12N-015/63B; C12N-015/40B DESIGNATED COUNTRIES: AE; AL; AM; AT; AU; AZ;  
BA; BB; BG; BR; BY; CA; CH; CN; CR; CU; CZ; DE; DK; DM; EE; ES; FI; GB; GD;  
GE; GH; GM; HR; HU; ID; IL; IN; IS; JP; KE; KG; KP; KR; KZ; LC; LK; LR; LS;  
LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO; RU; SD; SE; SG; SI;  
SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU; ZA; ZW; AM; AZ; BY; KG; KZ;  
MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE; LS; MW; SD; SL; SZ; TZ; UG  
; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LU; MC; NL; PT;

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Display 2/3/6 (Item 3 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.  
SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN; TD; TG

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Display 2/3/7 (Item 4 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

131068778 CA: 131(6)68778p JOURNAL  
Noncytopathic Flavivirus Replicon RNA-Based System for Expression and  
Delivery of Heterologous Genes  
AUTHOR(S): Varnavski, Andrei N.; Khromykh, Alexander A.

LOCATION: Sir Albert Sakzewski Virus Research Centre, Royal Children's  
Hospital, Brisbane, 4029, Australia  
JOURNAL: Virology DATE: 1999 VOLUME: 255 NUMBER: 2 PAGES: 366-375  
CODEN: VIRLAX ISSN: 0042-6822 LANGUAGE: English PUBLISHER: Academic  
Press

- end of record -

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Display 2/3/8 (Item 5 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

131028631 CA: 131(3)28631d PATENT  
Flavivirus gene expression and delivery system  
INVENTOR(AUTHOR): Westaway, Edwin G.; Khromykh, Alexander A.; Varnavski,  
Andrei

LOCATION: Australia  
ASSIGNEE: The Crown in the Right of the Queensland Department of Health  
PATENT: PCT International ; WO 9928487 A1 DATE: 19990610  
APPLICATION: WO 98AU993 (19981130) \*AU 97627 (19971128) \*AU 986096  
(19980923)

PAGES: 83 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/86A  
DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN;  
CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IS; JP; KE;  
KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ;  
PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN;  
YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE  
; LS; MW; SD; SZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE;

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Display 2/3/8 (Item 5 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.  
IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN;  
TD; TG

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Display 2/3/9 (Item 6 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

126117043 CA: 126(9)117043c PATENT  
Immunogenic flavivirus construct for vaccines  
INVENTOR(AUTHOR): Mannhalter, Josef W.; Leibl, Heinz; Eibl, Martha  
LOCATION: Austria  
ASSIGNEE: Immuno Ag  
PATENT: Germany Offen. ; DE 19521705 A1 DATE: 19961219  
APPLICATION: DE 19521705 (19950614)  
PAGES: 11 pp. CODEN: GWXXBX LANGUAGE: German CLASS: A61K-039/395A;  
A61K-039/12B

- end of record -

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Display 2/3/10 (Item 7 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

122024846 CA: 122(3)24846u JOURNAL  
Generation of long flavivirus expression cassettes by in vivo  
recombination and transient dominant selection  
AUTHOR(S): Yamshchikov, Vladimir F.; Compans, Richard W.  
LOCATION: Department of Microbiology and Immunology, Emory University  
School of Medicine, Emory University, Atlanta, GA, 30322, USA  
JOURNAL: Gene DATE: 1994 VOLUME: 149 NUMBER: 2 PAGES: 193-201  
CODEN: GENED6 ISSN: 0378-1119 LANGUAGE: English

- end of record -

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Display 2/3/11 (Item 8 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

119070348 CA: 119(7)70348u PATENT  
Flavivirus vaccines using poxvirus expression vectors  
INVENTOR(AUTHOR): Paoletti, Enzo; Pincus, Steven Elliot  
LOCATION: USA  
ASSIGNEE: Virogenetics Corp.  
PATENT: PCT International ; WO 9203545 A1 DATE: 920305  
APPLICATION: WO 91US5816 (910815) \*US 567960 (900815) \*US 711429 (910606)  
\*US 714687 (910613) \*US 729800 (910717)  
PAGES: 117 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/00A;  
A61K-039/12B DESIGNATED COUNTRIES: AU; GB; JP; KR

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Display 2/3/12 (Item 1 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2001 Inst for Sci Info. All rts. reserv.

06284708 Genuine Article#: YF896 No. References: 45  
Title: trans-Complementation of yellow fever virus NS1 reveals a role in  
early RNA replication  
Author(s): Lindenbach BD; Rice CM (REPRINT)  
Corporate Source: WASHINGTON UNIV,SCH MED, DEPT MOL MICROBIOL, 660 S EUCLID  
AVE/ST LOUIS//MO/63110 (REPRINT); WASHINGTON UNIV,SCH MED, DEPT MOL  
MICROBIOL/ST LOUIS//MO/63110  
Journal: JOURNAL OF VIROLOGY, 1997, V71, N12 (DEC), P9608-9617  
ISSN: 0022-538X Publication date: 19971200  
Publisher: AMER SOC MICROBIOLOGY, 1325 MASSACHUSETTS AVENUE, NW,  
WASHINGTON, DC 20005-4171  
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

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Display 2/3/13 (Item 2 from file: 34)  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2001 Inst for Sci Info. All rts. reserv.

05514915 Genuine Article#: WD572 No. References: 33

Title: Poxvirus-based Japanese encephalitis vaccine candidates induce JE virus-specific CD8(+) cytotoxic T lymphocytes in mice  
 Author(s): Konishi E (REPRINT) ; Kurane I; Mason PW; Shope RE; Ennis FA  
 Corporate Source: KOBE UNIV,SCH MED, DEPT MED ZOOL, CHUO KU, 7-5-1 KUSUNOKI CHO/KOBE 650//JAPAN/ (REPRINT); UNIV MASSACHUSETTS,MED CTR, DEPT MED, DIV INFECT DIS & IMMUNOL/WORCESTER//MA/01655; USDA ARS,PLUM ISL ANIM DIS CTR/GREENPORT//NY/11944; YALE UNIV,SCH MED, DEPT EPIDEMIOLOG & PUBL HLTH, YALE ARBOVIRUS RES UNIT/NEW HAVEN//CT/06510  
 Journal: VIROLOGY, 1997, V227, N2 (JAN 20), P353-360  
 ISSN: 0042-6822 Publication date: 19970120  
 Publisher: ACADEMIC PRESS INC JNL-COMP SUBSCRIPTIONS, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495  
 Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

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Display 2/3/14 (Item 3 from file: 34)  
 DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
 (c) 2001 Inst for Sci Info. All rts. reserv.

04197357 Genuine Article#: RM609 No. References: 36  
 Title: PURIFICATION AND RENATURATION OF JAPANESE ENCEPHALITIS-VIRUS NONSTRUCTURAL GLYCOPROTEIN NS1 OVERPRODUCED BY INSECT CELLS  
 Author(s): FLAMAND M; CHEVALIER M; HENCHAL E; GIRARD M; DEUBEL V  
 Corporate Source: INST PASTEUR,UNITE ARBOVIRUS & VIRUS FIEVRES HEMORRAG,25 RUE DR ROUX/F-75015 PARIS//FRANCE/; PASTEUR MERIEUX SERUMS & VACCINS/F-69280 MARCY LETOILE//FRANCE/; USA,MED RES INST INFECT DIS,DIV VIROL,DEPT MOLEC VIROL/FREDERICK//MD/21702; INST PASTEUR,UNITE VIROL MOLEC/F-75015 PARIS//FRANCE/  
 Journal: PROTEIN EXPRESSION AND PURIFICATION, 1995, V6, N4 (AUG), P519-527  
 ISSN: 1046-5928  
 Language: ENGLISH Document Type: ARTICLE (Abstract Available)

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? e au=westaway edwin g

Ref	Items	Index-term
E1	119	AU=WESTAWAY E G
E2	83	AU=WESTAWAY E.G.
E3	34	*AU=WESTAWAY EDWIN G
E4	179	AU=WESTAWAY EG
E5	1	AU=WESTAWAY H
E6	2	AU=WESTAWAY H E
E7	1	AU=WESTAWAY HE
E8	13	AU=WESTAWAY J
E9	3	AU=WESTAWAY J.
E10	3	AU=WESTAWAY JL
E11	1	AU=WESTAWAY JM
E12	6	AU=WESTAWAY K

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 ? e au=westaway, edwin g

Ref	Items	Index-term
E1	43	AU=WESTAWAY, E.G.
E2	10	*AU=WESTAWAY, EDWIN G

E3 21 AU=WESTAWAY, EDWIN G.  
 E4 2 AU=WESTAWAY, EDWING G  
 E5 1 AU=WESTAWAY, EDWING G.  
 E6 2 AU=WESTAWAY, H. E.  
 E7 1 AU=WESTAWAY, J. M.  
 E8 1 AU=WESTAWAY, JENNIFER  
 E9 1 AU=WESTAWAY, JOSEPH VAUGHAN  
 E10 1 AU=WESTAWAY, K  
 E11 5 AU=WESTAWAY, K.  
 E12 3 AU=WESTAWAY, K. C

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 ? s Kunjin (5n) vector?

1186 KUNJIN  
 1029042 VECTOR?  
 S3 17 KUNJIN (5N) VECTOR?  
 ? rd s3

...completed examining records  
 S4 9 RD S3 (unique items)  
 ? d s4/3/1-9

Display 4/3/1 (Item 1 from file: 5)  
 DIALOG(R)File 5:Biosis Previews(R)  
 (c) 2001 BIOSIS. All rts. reserv.

12500529 BIOSIS NO.: 200000254031  
 Stable high-level expression of heterologous genes in vitro and in vivo by  
 noncytopathic DNA-based **Kunjin** virus replicon **vectors**.  
 AUTHOR: Varnavski Andrei N; Young Paul R; Khromykh Alexander A(a)  
 AUTHOR ADDRESS: (a)Sir Albert Sakzewski Virus Research Centre, Royal  
 Children's Hospital, Herston Rd., Herston, Brisbane, QLD, 4029\*\*Australia  
 JOURNAL: Journal of Virology 74 (9):p4394-4403 May, 2000  
 MEDIUM: print.  
 ISSN: 0022-538X  
 DOCUMENT TYPE: Article  
 RECORD TYPE: Abstract  
 LANGUAGE: English  
 SUMMARY LANGUAGE: English

- end of record -

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Display 4/3/2 (Item 2 from file: 5)  
 DIALOG(R)File 5:Biosis Previews(R)  
 (c) 2001 BIOSIS. All rts. reserv.

02733834 BIOSIS NO.: 000068044433  
 GEOGRAPHIC DISTRIBUTION OF ARBOVIRUS ANTIBODIES IN INDIGENOUS HUMAN  
 POPULATIONS IN THE INDO AUSTRALIAN ARCHIPELAGO  
 AUTHOR: KANAMITSU M; TANIGUCHI K; URASAWA S; OGATA T; WADA Y; WADA Y;  
 SAROSO J J  
 AUTHOR ADDRESS: C/O JICA, EMBASSY JPN., 24 JALAN THAMRIN, JAKARTA, INDONES.  
 JOURNAL: AM J TROP MED HYG 28 (2). 1979. 351-363. 1979  
 FULL JOURNAL NAME: American Journal of Tropical Medicine and Hygiene  
 CODEN: AJTHA  
 RECORD TYPE: Abstract  
 LANGUAGE: ENGLISH

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Display 4/3/3 (Item 1 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

135116168 CA: 135(9)116168w JOURNAL  
Replicon-based vectors of positive strand RNA viruses  
AUTHOR(S): Khromykh, Alexander A.  
LOCATION: Sir Albert Sakzewski Virus Research Centre, Royal Children's  
Hospital, Brisbane, QLD 4029, Australia  
JOURNAL: Curr. Opin. Mol. Ther. DATE: 2000 VOLUME: 2 NUMBER: 5  
PAGES: 555-569 CODEN: CUOTFO ISSN: 1464-8431 LANGUAGE: English  
PUBLISHER: PharmaPress Ltd.

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Display 4/3/4 (Item 2 from file: 399)  
DIALOG(R)File 399:CA SEARCH(R)  
(c) 2001 AMERICAN CHEMICAL SOCIETY. All rts. reserv.

131028631 CA: 131(3)28631d PATENT  
Flavivirus gene expression and delivery system  
INVENTOR(AUTHOR): Westaway, Edwin G.; Khromykh, Alexander A.; Varnavski,  
Andrei

LOCATION: Australia  
ASSIGNEE: The Crown in the Right of the Queensland Department of Health  
PATENT: PCT International ; WO 9928487 A1 DATE: 19990610  
APPLICATION: WO 98AU993 (19981130) \*AU 97627 (19971128) \*AU 986096

(19980923)

PAGES: 83 pp. CODEN: PIXXD2 LANGUAGE: English CLASS: C12N-015/86A  
DESIGNATED COUNTRIES: AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN;  
CU; CZ; DE; DK; EE; ES; FI; GB; GD; GE; GH; GM; HR; HU; ID; IL; IS; JP; KE;  
KG; KP; KR; KZ; LC; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ;  
PL; PT; RO; RU; SD; SE; SG; SI; SK; SL; TJ; TM; TR; TT; UA; UG; US; UZ; VN;  
YU; ZW; AM; AZ; BY; KG; KZ; MD; RU; TJ; TM DESIGNATED REGIONAL: GH; GM; KE  
; LS; MW; SD; SZ; UG; ZW; AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE;

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Display 4/3/4 (Item 2 from file: 399)  
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IT; LU; MC; NL; PT; SE; BF; BJ; CF; CG; CI; CM; GA; GN; GW; ML; MR; NE; SN;  
TD; TG

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Display 4/3/5 (Item 1 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2001 INIST/CNRS. All rts. reserv.

03830185 PASCAL No.: 82-0353359  
VECTOR COMPETENCE OF CULEX PIPIENS QUINQUEFASCIATUS FOR MURRAY VALLEY



ENCEPHALITIS, KUNJIN, AND ROSS RIVER VIRUSES FROM AUSTRALIA  
KAY B H; FANNING I D; CARLEY J G  
QUEENSLAND INST. MED. RES./BRISBANE 4006, AUSTRALIA  
Journal: AM. J. TROP. MED. HYG., 1982, 31 (4) 844-848  
Language: ENGLISH

- end of record -

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Display 4/3/6 (Item 2 from file: 144)  
DIALOG(R)File 144:Pascal  
(c) 2001 INIST/CNRS. All rts. reserv.

03066787 PASCAL No.: 81-0101611  
EXPERIMENTAL STUDIES ON THE TRANSOVARIAL TRANSMISSION OF KUNJIN AND SAN  
ANGELO VIRUSES IN MOSQUITOES  
TESH R B  
UNIV. HAWAII RES. CORP., PACIFIC RES. UNIT/HONOLULU HI 96866, USA  
Journal: AM. J. TROP. MED. HYG., 1980, 29 (4) 657-666  
Language: ENGLISH

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Display 4/3/7 (Item 1 from file: 266)  
DIALOG(R)File 266:FEDRIP  
Comp & dist by NTIS, Intl Copyright All Rights Res. All rts. reserv.

00290305  
IDENTIFYING NO.: 5R21AI48420-02 AGENCY CODE: CRISP  
**KUNJIN** VIRUS REPLICON AS A **VECTOR** FOR HIV VACCINE.  
PRINCIPAL INVESTIGATOR: KHRMYKH, ALEXANDER A  
ADDRESS: SIR ALBERT SAKZEWSKIVIRUS RES HERSTON RD HERSTON 4029 AUSTRALIA  
PERFORMING ORG.: UNIVERSITY OF QUEENSLAND, QUEENSLAND, AUSTRALIA  
SPONSORING ORG.: NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES  
FY : 2001

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Display 4/3/8 (Item 1 from file: 357)  
DIALOG(R)File 357:Derwent Biotechnology Abs  
(c) 2001 Derwent Publ Ltd. All rts. reserv.

0252163 DBA Accession No.: 2000-06653  
Stable high-level expression of heterologous gene in vitro and in vivo by  
noncytopathic DNA-based **Kunjin** virus replication **vectors**.  
- plasmid pKUNrep1, plasmid pKUNrep2, plasmid pKUNrep3 and plasmid  
pKUNrep4-mediated beta-galactosidase gene transfer and expression in  
BHK21, HeLa and 293 cell  
AUTHOR: Varnavski A N; Young P R; +Khromykh A A  
CORPORATE AFFILIATE: Roy.Child.Hosp.Brisbane Univ.Queensland  
CORPORATE SOURCE: Sir Albert Sakzewski Virus Research Centre, Royal  
Children's Hospital, Herston Rd., Herston, Brisbane 4029, Queensland,  
Australia. email:a.khromykh@mailbox.eq.edu.au  
JOURNAL: J.Virol. (74, 9, 4394-403) 2000  
ISSN: 0022-538X CODEN: JOVIAM  
LANGUAGE: English

- end of record -

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Display 4/3/9 (Item 1 from file: 50)  
DIALOG(R)File 50:CAB Abstracts  
(c) 2001 CAB International. All rts. reserv.

03737711 CAB Accession Number: 990504043

Noncytopathic flavivirus replicon RNA-based system for expression and delivery of heterologous genes.

Varnavski, A. N.; Khromykh, A. A.

Sir Albert Sakzewski Virus Research Centre, Royal Children's Hospital,  
Herston Road, Brisbane, Qld 4029, Australia.

Virology (New York) vol. 255 (2): p.366-375

Publication Year: 1999

ISSN: 0042-6822 --

Language: English

Document Type: Journal article

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